

REMARKS

The Examiner identified ten different species, Species I through Species X.

For examination in this application the applicant provisionally elects Species VI, identified by the Examiner as including claims 19-24 reading on that species.

However, it is submitted that claims 28-30 and new claims 33 and 34 should also be included in Species VI, in view of the amendments now submitted.

Claims 28-30 read on Figure 6. However, even as originally filed, these claims relate to an embodiment similar in many respects to that of Figure 5. In claim 28 as now amended, the filament support post is no longer recited as a "single" filament support post; and the second conductive lead is characterized as extending from the cathode base and being connected with the inner surface of the extractor cup, which could be directly or indirectly. Thus, both Figure 6 and Figure 5 clearly read on claim 28 as amended. Further, claim 28 meets the definition of Species VI as set forth by the Examiner on page 3.

New dependent claims 33 and 34 are added, both dependent from claim 28. Claim 33 recites the species wherein the filament support post is the sole filament support post, with

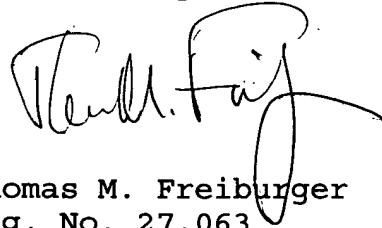
the second conductive lead connected directly to the extractor cup, as in Figure 6. Claim 34, on the other hand, recites the species wherein the second conductor lead comprises a second filament support post, as in Figure 5, with the filament supported on the second post near the second end of the filament.

Thus, although the applicant provisionally elects Species VI as defined by the Examiner, including claims 19-24, it is urged that claims 28-30, 33 and 34 should be examined as part of Species VI.

A check in the amount of \$50.00 is enclosed for additional claims fees (claims 33 and 34).

Favorable action is solicited. If the Examiner would like to discuss any issue relating to the claims and the species of the invention, he is invited to telephone the undersigned attorney before issuing a further action.

Respectfully submitted,



Dated: November 29, 2005

Thomas M. Freiburger
Reg. No. 27,063
P.O. Box 1026
Tiburon, California 94920
Telephone: 415-435-0240